Office of the State Geologist
Scott Ausbrooks, Director and State Geologist

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# Prairie County Seismicity Map

References

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United States Geological Survey USGS) Earthquake Notification Service (ENS).

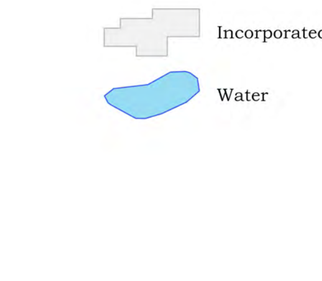
The 1M Multidirectional Hillshade or Digital Slope Model base used in the making of this map was created by the Office of the State Geologist (OSG) using the 1meter Lidar data acquired from the United States Geological Survey (USGS).

Symbols

- Interstate Highways
- US Highways
- State Highways
- Incorporated Areas
- Water

Earthquake Magnitudes

- * 0.0 - 1.9




Prairie County (shaded in blue) is located inside the New Madrid seismic zone (NMSZ) catastrophic planning area (shaded in pink), as designated by the Arkansas Department of Emergency Management (ADEM). The NMSZ is shaded in purple.

Scale

Miles: 2 1 0 2 4 6 8 10

Kilometers: 2 1 0 2 4 6 8 10

## About the Map

This map illustrates the location and magnitude of reported earthquakes that have occurred in Prairie County, Arkansas from 1699 to Present. The data source for the earthquakes depicted on this map is derived from the Office of the Geologist (OSG) earthquake catalog. The catalog has been compiled from various sources and publications and includes date, time, latitude, longitude, magnitude or intensity and depth information. Some event records may contain incomplete data due to their date and/or source. The OSG earthquake catalog is dynamic and continually updated as event parameters are modified, new events are added, and occasionally, events are deleted.

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## Disclaimer

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2013

| Revised Date: | Scale: | Digital Compilation: | Updated: |
|---|---|---|---|
| 14 May 2025 | 1 : 75,000 | Jerry W. Clark | |